

Substitute for form 1449B/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: March 27, 2003 (use as many sheets as necessary)		Application Number	09/252,828
		Filing Date	02/19/1999
		First Named Inventor	Ke-Wen DONG
		Group Art Unit	1641
		Examiner Name	Lisa COOK
Sheet	1	of	2
		Attorney Docket Number	024754-0114

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U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
Smm ↓	A1	4,554,101		T. P. Hopp	11-19-1985	
	A2	5,272,071		S.C. Chappel	12-21-1993	
	A3	5,641,670		D. A. Treco et al.	06-24-1997	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁸
Smm ↓ V	A4	BLEIL, JEFFREY A. et al., <i>Structure and Function of the Zona Pellucida: Identification and Characterization of the Proteins of the Mouse Oocyte's Zona Pellucida</i> , Dev. Biol. 76: pgs. 185-202, (1980)	
	A5	SALING, PATRICIA, <i>Mammalian Sperm interaction with extracellular matrices of the egg</i> , Oxford Reviews of Reproductive Biology, 11: pgs. 339-388, (1989)	
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	A9	BURKMAN, LANI J., et al. <i>The hemizona assay (HZA): development of a diagnostic test for the binding of human spermatozoa to the human hemizona pellucida to predict fertilization potential</i> , Fertility and Sterility, 49: pgs. 688-693, (1988)	
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Examiner Signature	<i>Lisa M. Mayer</i>	Date Considered	4-7-2005
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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Sheet	2	of	2	Attorney Docket Number
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
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Smm ↓	A12	BARBOSA, JAMES A., <i>Site-Directed Mutagenesis of Class I HLA Genes: Role of Glycosylation in Surface Expression and Functional Recognition</i> , J. Exp. Med. 166: pgs. 1329-50 (1987)		
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Examiner Signature	<i>Suzanne M. Mayo</i>	Date Considered	4-7-2005
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APPLICANT
Ke-Wen DONG et al.

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Smu	4,444,879	04/24/84	Foster et al.			01/29/81

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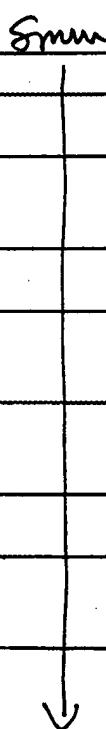
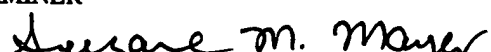
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FOREIGN PATENT DOCUMENTS							
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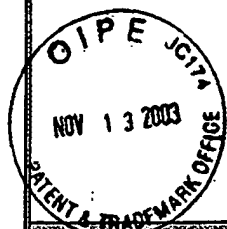
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*Luzanne M. Mayer**4-7-2005*

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